

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Robert D. Black et al.  
Application No.: 10/779,907  
Filed: February 17, 2004

Examiner: John F. Ramirez  
Confirmation No.: 8994  
Group Art Unit: 3737

For: ***IN VIVO* FLUORESCENCE SENSORS, SYSTEMS, AND RELATED  
METHODS OPERATING IN CONJUNCTION WITH FLUORESCENT  
ANALYTES**

Date: June 3, 2008

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND RESPONSE TO  
OFFICE ACTION DATED MARCH 18, 2008**

Responsive to the Office Action dated March 18, 2008 please amend the above-identified application as shown.

If any extension of time for the accompanying response or submission is required, Applicants request that this be considered a petition therefor. The Commissioner is hereby authorized to charge any additional fee, which may be required, or credit any refund, to our Deposit Account No. 50-0220.

**Amendments to the Claims** are reflected in the listing of claims, which begins on page 2 of this document.

**Remarks** begin on page 16 of this document.